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## UTILITY PATENT APPLICATION

Attorney Docket No.		YOR920000655US2		
		Alessandro C. Callegari		
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	ss Mail I ahal N	EV329488804US		

TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b)) Assistant Commissioner for Patents APPLICATION ELEMENTS ADDRESS TO: **Box Patent Application** See MPEP chapter 600 concerning utility patent application contents. Washington, DC 20231 Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or it an original and a duplicate for fee processing) Computer Program (Appendix) Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) [Total Pages Specification Computer Readable Form (CRF) (preferred arrangement set forth below) - Descriptive title of the invention b. Specification Sequence Listing on: Cross Reference to Related Applications i. CD-ROM or CD-R (2 copies); or - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, ii. paper or a computer program listing appendix Statements verifying identity of above copies Background of the Invention Brief Summary of the Invention ACCOMPANYING APPLICATION PARTS - Brief Description of the Drawings (if filed) - Detailed Description Assignment Papers (cover sheet & document(s)) 9. - Claim(s) 37 CFR 3.73(b) Statement Power of - Abstract of the Disclosure 10. (when there is an assignee) Attorney Drawing(s) (35 U.S.C. 113) [ Total Sheets 6 11. English Translation Document (if applicable) 4. 🗹 Copies of IDS Information Disclosure 12. 5. Oath or Declaration [ Total Pages Citations Statement (IDS)/PTO-1449 13. Preliminary Amendment Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) Return Receipt Postcard (MPEP 503) 14. 1 (Should be specifically itemized) Certified Copy of Priority Document(s) (if foreign priority is claimed) **DELETION OF INVENTOR(S)** 15. Signed statement attached deleting inventor(s) Request and Certification under 35 U.S.C. 122 named in the prior application, see 37 CFR 16. 1.63(d)(2) and 1.33(b). (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. PTO/SB/17 Application Data Sheet. See 37 CFR 1.76 17. V 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <sub>1</sub> 726,951 of prior application No.: 09 Continuation Divisional Continuation-in-part (CIP) Group Art Unit: 2871 Prior application information: Examiner T.R. Chowdhury For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Correspondence address below Customer Number or Bar Code Label Frank Chau Name F. CHAU & ASSOCIATES, LLP 1900 Hempstead Turnpike, Suite 501 Address New York Zip Code 11554 East Meadow State City U.S.A (516) 357-0091 Fax (516) 357-0092 Country Telephone 48,909 Nathaniel T. Wallace Registration No. (Attorney/Agent) Name (Print/Type)

June 26, 2003 Date Signature



PTO/SB/17 (01-03)
Approved for use through 04/30/2003. OMB 0651-0032
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FEE TRANSMITTA		Compl te if Known					
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for FY 2003		Filing	Date			····	
Effective 01/01/2003. Patent fees are subject to annual revision		First Named Inventor A		r Alessan	Alessandro C. Callegari		
Applicant claims small entity status. See 37 CFR 1.27		Examiner Name					
	——	Art Unit					
TOTAL AMOUNT OF PAYMENT (\$) 750.00		Attorney Docket No. YOR920000655US2 (8728-446 DIV)				S DIV)	
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)					
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Name The Commissioner is authorized to: (check all that apply)	1053	130			on-English spe		<b>├ </b>
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1002 330 2002 165 Design filling fee 750.00	1401	320	2401	160 N	lotice of Appea	al	
1003 520 2003 260 Plant filing fee	1402	320	2402	160 Fi	iling a brief in s	support of an appeal	<u>  </u>
1004 750 2004 375 Reissue filing fee	1403	280	2403	140 Re	equest for oral	l hearing	<b>├</b> ──
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510 Pe	etition to institu	ute a public use proceeding	<u> </u>
SUBTOTAL (1) (\$) 750.00	1452	110	2452	55 Pe	etition to revive	e - unavoidable	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453	1,300	2453	650 Pe	etition to reviv	e - unintentional	<u> </u>
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Claims 280 =0	1460		1460			Commissioner	
Large Entity   Small Entity	1807		1807		-	under 37 CFR 1.17(q)	
Fee Fee Fee Fee Description	1806		1806			nformation Disclosure Stmt	┝╼╼┤┃
Code (\$)   Code (\$) 1202 18   2202 9 Claims in excess of 20	8021	40	8021	40 Pr	roperty (times	patent assignment per number of properties)	<b> </b>
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1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375 Fc	or each addition	onal invention to be	<u> </u>
1204 84 2204 42 ** Reissue independent claims over original patent	180		2801		xamined (37 C Request for Co	CFR 1.129(b)) ontinued Examination (RCE)	<u>   </u>
1205 18 2205 9 ** Reissue claims in excess of 20	1802		1802	900 F	Request for ex	pedited examination	
and over original patent of a design application  Other fee (specify)							
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(Complete (foresteeth)							
SUBMITTED BY	-	Registra	tion No.	40.00	, 1	(Complete (if applicable)	
Name (Print/Type) Nathaniel T. Wallace		(Attorney)		48,90	)9	Telephone 516-357-0091	

WARNING: Information on this form may bec me public. Credit card inf rmation sh uld n t

Signature

Date

June 26, 2003

be included n this form. Pr vid credit card inf rmati n and authorization n PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Atty. Docket No. YOR920000655US2 (8728-446 DIV)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## **UTILITY APPLICATION FEE TRANSMITTAL**

	OTIETT AT EIGHTORTEE TRAITORITTAE			
Fransmitted herewith for filing is the patent application of				
nventor(s):	Alessandro C. Callegari, Praveen Chaudhari, Fuad E. Doany, James P. Doyle, Eileen A. Galligan, James H. Glownia, Gareth G. Hougham, James A. Lacey, Shui-Chih Lien, Minhua Lu, Alan E. Rosenbluth, and Kei-Hsiung Yang			
For:	IMPROVING STABILITY OF ION BEAM GENERATED ALIGNMENT LAYERS BY SURFACE MODIFICATION			
This applica	ation is a:			
[ ] Co	ntinuation; ntinuation-In-Part (CIP); or visional			
of co-pendin	g U.S. application Serial No. <u>09/726,951</u> , filed on <u>November 30, 2000</u> .			
Enclosed are	e:			
X] <u>25</u>	page(s) of specification			
X] <u>1</u>	page(s) of Abstract			
X] <u>5</u>	page(s) of claims			
X] <u>6</u>	sheets of drawings [X] formal [] informal			
X]_2	page(s) of previously executed Declaration and Power of Attorney			
] An Assignment of the invention to				
CERTIFICATION UNDER 37 C.F.R. § 1.10				

I hereby certify that this Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date <u>June 26, 2003</u> in an envelope as "Express Mail Post Office to Addressee" Mail Label Number <u>EV329488804US</u> addressed to: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Nathaniel T. Wallace

[]		This application claims the benefit under 35 U.S.C. §119(e) of U.S. Provisional Application(s) No(s).:					
	APPLICATIO	APPLICATION NO(S).:			FILING DATE		
()	Certified copy of	applications					
<u>C</u>	<u>ountry</u>	Appln. N	<u>o</u> .		<u>Filed</u>		
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	[] is enclosed.  [] will follow.  CALCULATION OF UTILITY APPLICATION FEE  For Number Filed Number Rate Basic Fee					7	
					<b>¢</b> 750 በለ	ll .	
			Extra		\$750.00 		
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	INDEPENDENT CLAIMS	2		x 84 =	\$0 \$0		
	INDEPENDENT		0		\$0		
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unde	INDEPENDENT CLAIMS [] Multiple Dep.	2 0 "Small Entity" Sta (f) (50% of total)	0 0 atus Under paid herev	x 84 = 280 TOTA 37 C.F.R. vith \$.	\$0 \$0 \$0 <b>AL\$750.00</b> § 1.27. Reduce	ed fees	

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## Relate Back - 35 U.S.C. § 120

	[]	Amend the specification by inserting before the first line the sentence:			
		"This is a [] continuation [ ] continuation-in-part [ ] divisional of copending application Serial No filed,			
[X]		e amount of <u>\$750.00</u> (filing fee) is authorized to be charged to Deposit Account . <u>05-0510/IBM (Yorktown Heights)</u> .			
[]		eck in the amount of \$ to cover the [X] recording, [X] filing fee(s) are ached.			
[]	Charge fee to Deposit Account No. 04-1121. Order No TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.				
[X]	Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and 1.17, at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 50-0510/IBM (Yorktown Heights). Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 50-0510/IBM (Yorktown Heights) therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.				
Dat	e։ <u>J</u> ւ	une 26, 2003  Nathaniel T. Wallace Reg. No. 48,909			

F. CHAU & ASSOCIATES, LLP Suite 501 1900 Hempstead Turnpike East Meadow, New York 11554 Tel. No. (516) 357-0091 Fax. (516) 357-0092